

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Adam T. Lake et al.

Art Unit : 2671

Serial No. : 09/996,451

Examiner : Peter Pappas

Filed : November 28, 2001

Title : RENDERING A SILHOUETTE EDGE

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450


INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

Respectfully submitted,

Date: April 13, 2005


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April 13, 2005

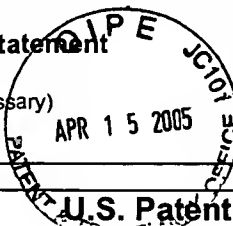
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Denise M. Donahue

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-046002	Application No. 09/996,451
		Applicant Adam T. Lake et al.	
		Filing Date November 28, 2001	Group Art Unit 2671



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,747,052	05-1988	Hishinuma et al.			
	AB	4,835,712	05-1989	Drebin et al.			
	AC	4,901,064	02-1990	Deering			
	AD	5,124,914	06-1992	Grangeat			
	AE	5,163,126	11-1992	Einkauf et al.			
	AF	5,371,778	12-1994	Yanof et al.			
	AG	5,611,030	03-1997	Stokes			
	AH	5,757,321	05-1998	Billyard			
	AI	5,786,822	07-1998	Sakaibara			
	AJ	5,805,782	09-1998	Foran			
	AK	5,809,219	09-1998	Pearce et al.			
	AL	5,812,141	09-1998	Kamen et al.			
	AM	5,847,712	12-1998	Salesin et al.			
	AN	5,894,308	04-1999	Isaacs			
	AO	5,929,860	07-1999	Hoppe			
	AP	5,933,148	08-1999	Oka et al.			
	AQ	5,949,969	09-1999	Suzuoki et al.			
	AR	5,966,133	10-1999	Hoppe			
	AS	5,966,134	10-1999	Arias			
	AT	5,974,423	10-1999	Margolin			
	AU	6,054,999	04-2000	Strandberg			
	AV	6,078,331	06-2000	Pulli et al.			
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	AX	6,191,787	02-2001	Lu et al.			
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	AZ	6,198,486	03-2001	Junkins et al.			
	AAA	6,201,549	05-2001	Bronskill			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	ABB	6,219,070	04-2001	Baker et al.			
	ACC	6,239,808	05-2001	Kirk et al.			
	ADD	6,252,608	06-2001	Snyder et al.			
	AEE	6,262,737	07-2001	Li et al.			
	AFF	6,262,739	07-2001	Migdal et al.			
	AGG	6,292,192	09-2001	Moreton			
	AHH	6,317,125	11-2001	Persson			
	AII	6,405,071	06-2002	Analoui			
	AJJ	6,437,782	08-2002	Pieragostini et al.			
	AKK	6,478,680	11-2002	Yoshioka et al.			
	ALL	6,559,848	05-2003	O'Rourke			
	AMM	6,593,927	07-2003	Horowitz et al.			
	ANN	6,608,628	08-2003	Ross et al.			
	AOO	2001/0026278	10-2001	Arai et al.			
	APP	2002/0101421	08-2002	Pallister			
	AQQ	6,054,999	04-2000	Strandberg			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	ARR							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ASS	Appel, Arthur, "The Notion of Quantitative Invisibility and the Machine Rendering of Solids." Proceedings of 22nd National Conference Association for Computing Machinery 1967.
	ATT	Buck et al., "Performance-Driven Hand Drawn Animation", <u>ACM</u> (NPAR2000), pgs. 101 - 108 (2000).

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	AUU	Catmull et al., "Recursively Generated B-Spline Surfaces on Arbitrary Topological Meshes," <i>Computer Aided Design</i> , 10(6):350 - 355 (1978).
	AVV	Coelho et al., "An Algorithm for Intersecting and Trimming Parametric Meshes", <i>ACM SIGGRAPH</i> , pgs. 1 - 8 (1998).
	AWW	Deering, M., "Geometry Compression," <i>Computer Graphics. SIGGRAPH '95</i> , pages 13-20, 1995.
	AXX	DeRose et al., "Subdivisional Surfaces in Character Animation", <i>ACM, SIGGRAPH'98</i> , pgs. 85 - 94 (1998).
	AYY	Elber, Gershon, "Interactive Line Art Rendering of Freeform Surfaces", <i>Eurographics'99</i> , 18(3):C1 - C12 (1999).
	AZZ	Gooch et al., "A Non-Photorealistic Lighting Model for Automatic Technical Illustration," <i>Computer Graphics Proceedings, Annual Conference Series, SIGGRAPH'98</i> , pgs. 447-452 (1998).
	AAAA	Gooch et al., "Interactive Technical Illustration," <i>ACM Interactive 3D</i> , pgs. 31 - 38 (1999).
	ABBB	Heidrich et al., "Realistic, Hardware-Accelerated Shading and Lighting," <i>ACM, (SIGGRAPH'99)</i> , pgs. 171 - 178 (1999).
	ACCC	Hoppe, H., "Progressive Meshes," URL: http://www.research.microsoft.com/research/graphics/hoppe/ , (10 pgs.).
	ADDD	Kumar et al., "Interactive Display of Large Scale NURBS Models", <i>ACM, Symp. On Interactive 3D Graphics</i> , pgs. 51 - 58 (1995).
	AEEE	Lake et al., "Stylized Rendering Techniques for Scalable Real-Time 3D Animation", <i>NPAR</i> , pgs. 101 - 108 (2000).
	AFFF	Lander, Jeff, "Making Kine More Flexible," <i>Game Developer Magazine</i> , 5 pgs., November 1998.
	AGGG	Lander, Jeff, "Skin Them Bones," <i>Game Developer Magazine</i> , 4 pgs., May 1998.
	AHHH	Pedersen, "A Framework for Interactive Texturing on Curved Surfaces", <i>ACM</i> , pgs. 295 - 301 (1996).
	AIII	"pmG Introduces Messiah: Animate 3.0", URL: http://www.digitalproducer.com/aHTM/Articles/july_2000/july_17_00/pmg_intros_messiah_animate.htm (Accessed 10/26/2004) 2 pgs.
	AJJJ	Pueyo, X. et al., "Rendering Techniques '96," <i>Proc. of Eurographics Rendering Workshop 1996, EUROGRAPHICS</i> , pgs. 61 - 70 (1996).
	AKKK	Rockwood, A. et al., "Real-time Rendering of Trimmed Surfaces," <i>Computer Graphics (SIGGRAPH '89 Proceedings)</i> 23:107 - 116 (1989).

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(37 CFR §1.98(b))

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	ALLL	Sousa, M., et al., "Computer-Generated Graphite Pencil Rendering of 3-D Polygonal Models", Eurographics'99, 18(3):C195 - C207 (1999).
	AMMM	Stam, J., "Exact Evaluation of Catmull-Clark Subdivision Surfaces at Arbitrary Parameter Values", SIGGRAPH 98 Conference Proceedings, Annual Conference Series, pgs. 395-404 (1998).
	ANNN	Taubin et al., "3D Geometry Compression", SIGGRAPH'98 Course Notes (1998).
	AOOO	Wilhelms, J. & Van Gelder, A., "Anatomically Based Modeling," Univ. California Santa Cruz [online], 1997 [retrieved 12/22/2004], retrieved from the Internet: <URL: http://graphics.stanford.edu/courses/cs448-01-spring/papers/wilhelms.pdf >.

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